

## EAST Search History

| Ref # | Hits | Search Query                           | DBs                        | Default Operator | Plurals | Time Stamp          |
|-------|------|--|----------------------------|------------------|---------|---------------------|
| L1    | 1    | ("4352883").PN.                        | US-PGPUB;<br>USPAT         | OR               | OFF     | 2009/03/26<br>11:21 |
| S1    | 2    | ("5387522"   "6465226").<br>PN.        | US-PGPUB;<br>USPAT         | OR               | ON      | 2009/03/23<br>18:06 |
| S2    | 0    | ep-0556917-\$.did.                     | FPRS; EPO;<br>JPO; DERWENT | OR               | ON      | 2009/03/24<br>12:51 |
| S3    | 2    | ep-556917-\$.did.                      | FPRS; EPO;<br>JPO; DERWENT | OR               | ON      | 2009/03/24<br>12:51 |
| S4    | 1    | wo-9013780-\$.did.                     | FPRS; EPO;<br>JPO; DERWENT | OR               | ON      | 2009/03/24<br>12:57 |
| S5    | 2    | wo-2004009095-\$.did.                  | FPRS; EPO;<br>JPO; DERWENT | OR               | ON      | 2009/03/24<br>13:48 |
| S6    | 1    | ("4352883").PN.                        | US-PGPUB;<br>USPAT         | OR               | OFF     | 2009/03/24<br>15:23 |
| S7    | 1    | ("4391909").PN.                        | US-PGPUB;<br>USPAT         | OR               | OFF     | 2009/03/24<br>15:24 |
| S8    | 2    | ((STEFAN) near2<br>(KAMMERMEIER)).INV. | US-PGPUB;<br>USPAT         | OR               | ON      | 2009/03/24<br>15:58 |
| S9    | 3    | ((TILL) near2 (MERKEL)).<br>INV.       | US-PGPUB;<br>USPAT         | OR               | ON      | 2009/03/24<br>15:58 |
| S10   | 7    | ((KATHARINA) near2<br>(SCHMID)).INV.   | US-PGPUB;<br>USPAT         | OR               | ON      | 2009/03/24<br>15:59 |
| S11   | 34   | ((ACHIM) near2<br>(MULLER)).INV.       | US-PGPUB;<br>USPAT         | OR               | ON      | 2009/03/24<br>15:59 |
| S12   | 38   | S8 or S9 or S10 or S11                 | US-PGPUB;<br>USPAT         | OR               | ON      | 2009/03/24<br>15:59 |
| S13   | 7    | ((STEFAN) near2<br>(KAMMERMEIER)).INV. | EPO; JPO;<br>DERWENT       | OR               | ON      | 2009/03/24<br>16:34 |
| S14   | 7    | ((TILL) near2 (MERKEL)).<br>INV.       | EPO; JPO;<br>DERWENT       | OR               | ON      | 2009/03/24<br>16:36 |
| S15   | 4    | ((KATHARINA) near2<br>(SCHMID)).INV.   | EPO; JPO;<br>DERWENT       | OR               | ON      | 2009/03/24<br>16:36 |
| S16   | 7    | ((ACHIM) near2<br>(MULLER)).INV.       | EPO; JPO;<br>DERWENT       | OR               | ON      | 2009/03/24<br>16:36 |
| S17   | 21   | S13 or S14 or S15 or S16               | EPO; JPO;<br>DERWENT       | OR               | ON      | 2009/03/24<br>16:37 |
| S18   | 13   | eyesense.as.                           | EPO; JPO;<br>DERWENT       | OR               | ON      | 2009/03/24<br>16:38 |
| S19   | 3    | eyesense.as.                           | US-PGPUB;<br>USPAT         | OR               | ON      | 2009/03/24<br>16:40 |

|     |         |  |                 |    |    |                  |
|-----|---------|--|-----------------|----|----|------------------|
| S20 | 625912  | droplet or microcapsule or microsphere or capsule or bead or microencapsulat \$3 or microparticle  | US-PGPUB; USPAT | OR | ON | 2009/03/24 16:47 |
| S21 | 622685  | droplet or microcapsule or microsphere or capsule or bead or microparticle   | US-PGPUB; USPAT | OR | ON | 2009/03/24 16:48 |
| S22 | 803100  | gel or gelling or gelled or harden\$3 or gelation  | US-PGPUB; USPAT | OR | ON | 2009/03/24 16:53 |
| S23 | 291047  | S20 and S22  | US-PGPUB; USPAT | OR | ON | 2009/03/24 16:54 |
| S24 | 291047  | S20 and S22  | US-PGPUB; USPAT | OR | ON | 2009/03/24 16:54 |
| S25 | 81453   | S20 same S22   | US-PGPUB; USPAT | OR | ON | 2009/03/24 16:54 |
| S26 | 52987   | S20 with S22   | US-PGPUB; USPAT | OR | ON | 2009/03/24 16:54 |
| S27 | 736816  | atomiz\$6 or nebuliz\$3 or nozzle or needle or syringe   | US-PGPUB; USPAT | OR | ON | 2009/03/24 16:58 |
| S28 | 752069  | droplet or microcapsule or microsphere or capsule or bead or microencapsulat \$3 or microparticle or immobili\$6 or entrap\$5                  | US-PGPUB; USPAT | OR | ON | 2009/03/24 17:38 |
| S29 | 1069772 | atomiz\$6 or nebuliz\$3 or nozzle or needle or syringe or spray\$3   | US-PGPUB; USPAT | OR | ON | 2009/03/24 17:38 |
| S30 | 1589191 | atomiz\$6 or nebuliz\$3 or nozzle or needle or syringe or spray\$3 or stream or aerosol  | US-PGPUB; USPAT | OR | ON | 2009/03/24 17:40 |
| S31 | 211534  | S22 and S30 and S28  | US-PGPUB; USPAT | OR | ON | 2009/03/24 17:42 |
| S32 | 16962   | S22 same S30 same S28  | US-PGPUB; USPAT | OR | ON | 2009/03/24 17:49 |
| S33 | 8646    | S22 with S30 with S28  | US-PGPUB; USPAT | OR | ON | 2009/03/24 17:49 |
| S34 | 1020068 | gel or gelling or gelled or harden\$3 or gelation or precipitat\$3   | US-PGPUB; USPAT | OR | ON | 2009/03/24 17:51 |
| S35 | 2409392 | solution or suspension or mixture  | US-PGPUB; USPAT | OR | ON | 2009/03/24 17:57 |
| S36 | 918438  | droplet or microcapsule or microsphere or capsule or bead or microencapsulat \$3 or microparticle or immobili\$6 or entrap\$5 or encapsulat\$3 | US-PGPUB; USPAT | OR | ON | 2009/03/24 17:57 |

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|-----|---------|--|--------------------|----|----|---------------------|
| S37 | 1020120 | gel or gelling or gelled or<br>harden\$3 or gelation or<br>precipitat\$3 or gelificat\$3   | US-PGPUB;<br>USPAT | OR | ON | 2009/03/24<br>17:58 |
| S38 | 3001176 | solution or suspension or<br>mixture or emulsion or<br>slurry or liquid  | US-PGPUB;<br>USPAT | OR | ON | 2009/03/24<br>18:01 |
| S39 | 1589191 | atomiz\$6 or nebuliz\$3 or<br>nozzle or needle or<br>syringe or spray\$3 or<br>stream or aerosol   | US-PGPUB;<br>USPAT | OR | ON | 2009/03/24<br>18:03 |
| S40 | 918438  | droplet or microcapsule or<br>microsphere or capsule or<br>bead or microencapsulat<br>\$3 or microparticle or<br>immobiliz\$6 or entrap\$5 or<br>encapsulat\$3 | US-PGPUB;<br>USPAT | OR | ON | 2009/03/24<br>18:03 |
| S41 | 1020120 | gel or gelling or gelled or<br>harden\$3 or gelation or<br>precipitat\$3 or gelificat\$3   | US-PGPUB;<br>USPAT | OR | ON | 2009/03/24<br>18:03 |
| S42 | 257119  | S39 and S38 and S40 and<br>S41   | US-PGPUB;<br>USPAT | OR | ON | 2009/03/24<br>18:03 |
| S43 | 17641   | S39 same S38 same S40<br>same S41  | US-PGPUB;<br>USPAT | OR | ON | 2009/03/24<br>18:03 |
| S44 | 7655    | S39 with S38 with S40<br>with S41  | US-PGPUB;<br>USPAT | OR | ON | 2009/03/24<br>18:04 |
| S45 | 89354   | S39 near6 S40  | US-PGPUB;<br>USPAT | OR | ON | 2009/03/24<br>18:04 |
| S46 | 40429   | S45 and S38 and S41  | US-PGPUB;<br>USPAT | OR | ON | 2009/03/24<br>18:04 |
| S47 | 5945    | S45 same S38 same S41  | US-PGPUB;<br>USPAT | OR | ON | 2009/03/24<br>18:04 |
| S48 | 3506    | S45 with S38 with S41  | US-PGPUB;<br>USPAT | OR | ON | 2009/03/24<br>18:05 |
| S49 | 59254   | S40 near6 S41  | US-PGPUB;<br>USPAT | OR | ON | 2009/03/24<br>18:05 |
| S50 | 8256    | S45 and S49 and S38  | US-PGPUB;<br>USPAT | OR | ON | 2009/03/24<br>18:05 |
| S51 | 2629    | S45 same S49 same S38  | US-PGPUB;<br>USPAT | OR | ON | 2009/03/24<br>18:05 |
| S52 | 1902    | S45 with S49 with S38  | US-PGPUB;<br>USPAT | OR | ON | 2009/03/24<br>18:06 |
| S53 | 62336   | S39 near3 S40  | US-PGPUB;<br>USPAT | OR | ON | 2009/03/24<br>18:06 |
| S54 | 1089    | S53 with S49 with S38  | US-PGPUB;<br>USPAT | OR | ON | 2009/03/24<br>18:06 |
| S55 | 43521   | S40 near3 S41  | US-PGPUB;<br>USPAT | OR | ON | 2009/03/24<br>18:06 |
| S56 | 781     | S53 with S55 with S38  | US-PGPUB;<br>USPAT | OR | ON | 2009/03/24<br>18:06 |

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|-----|---------|--|----------------------------|----|----|---------------------|
| S57 | 403880  | S38 near6 S39  | US-PGPUB;<br>USPAT         | OR | ON | 2009/03/24<br>18:07 |
| S58 | 643     | S53 with S55 with S57  | US-PGPUB;<br>USPAT         | OR | ON | 2009/03/24<br>18:07 |
| S59 | 309156  | S38 near3 S39  | US-PGPUB;<br>USPAT         | OR | ON | 2009/03/24<br>18:07 |
| S60 | 298     | S53 with S55 with S59  | US-PGPUB;<br>USPAT         | OR | ON | 2009/03/24<br>18:07 |
| S61 | 210     | S60 and @py<="2005"  | US-PGPUB;<br>USPAT         | OR | ON | 2009/03/24<br>18:08 |
| S62 | 199088  | (droplet or microcapsule<br>or microsphere or capsule<br>or bead or microencapsulat<br>\$3 or microparticle or<br>immobili\$6 or entrap\$5 or<br>encapsulat\$3).ab,clm,ti. | US-PGPUB;<br>USPAT         | OR | ON | 2009/03/24<br>18:10 |
| S63 | 730     | S39 with S38 with S62<br>with S41  | US-PGPUB;<br>USPAT         | OR | ON | 2009/03/24<br>18:10 |
| S64 | 5620    | S62 near6 S41  | US-PGPUB;<br>USPAT         | OR | ON | 2009/03/24<br>18:11 |
| S65 | 197     | S53 near6 S55 near6 S59  | US-PGPUB;<br>USPAT         | OR | ON | 2009/03/24<br>18:11 |
| S66 | 144     | S65 and @py<="2005"  | US-PGPUB;<br>USPAT         | OR | ON | 2009/03/24<br>18:11 |
| S67 | 7709454 | solution or suspension or<br>mixture or emulsion or<br>slurry or liquid  | FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2009/03/24<br>18:46 |
| S68 | 1236836 | atomiz\$6 or nebuliz\$3 or<br>nozzle or needle or<br>syringe or spray\$3 or<br>stream or aerosol   | FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2009/03/24<br>18:47 |
| S69 | 399293  | droplet or microcapsule or<br>microsphere or capsule or<br>bead or microencapsulat<br>\$3 or microparticle or<br>immobili\$6 or entrap\$5 or<br>encapsulat\$3              | FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2009/03/24<br>18:47 |
| S70 | 593153  | gel or gelling or gelled or<br>harden\$3 or gelation or<br>precipitat\$3 or gelificat\$3   | FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2009/03/24<br>18:47 |
| S71 | 4143    | S67 and S68 and S69 and<br>S70   | FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2009/03/24<br>18:51 |
| S72 | 1893    | S67 same S68 same S69<br>same S70  | FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2009/03/24<br>18:51 |
| S73 | 1084    | S67 with S68 with S69<br>with S70  | FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2009/03/24<br>18:51 |
| S74 | 382     | S67 near6 S68 near6 S69<br>near6 S70   | FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2009/03/24<br>18:52 |
| S75 | 237     | S74 and @py<="2005"  | FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2009/03/24<br>18:52 |

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|-----|------|---------------------|--------------------|----|----|---------------------|
| S76 | 991  | 264/5               | US-PGPUB;<br>USPAT | OR | ON | 2009/03/24<br>19:55 |
| S77 | 1004 | 264/12              | US-PGPUB;<br>USPAT | OR | ON | 2009/03/24<br>19:55 |
| S78 | 1216 | 264/13              | US-PGPUB;<br>USPAT | OR | ON | 2009/03/24<br>19:55 |
| S79 | 2605 | S76 or S77 or S78   | US-PGPUB;<br>USPAT | OR | ON | 2009/03/24<br>19:55 |
| S80 | 729  | S42 and S79         | US-PGPUB;<br>USPAT | OR | ON | 2009/03/24<br>19:56 |
| S81 | 170  | S43 and S79         | US-PGPUB;<br>USPAT | OR | ON | 2009/03/24<br>19:56 |
| S82 | 69   | S44 and S79         | US-PGPUB;<br>USPAT | OR | ON | 2009/03/24<br>19:56 |
| S83 | 148  | S81 and @py<="2005" | US-PGPUB;<br>USPAT | OR | ON | 2009/03/24<br>19:57 |

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